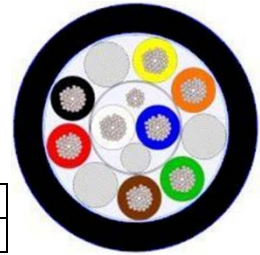


CRE18618



Issue	Date	Approved	Note
1	28/06/18	PM	Initial release

DESCRIPTIO

1.00sqmm composite multicore cable for use in subsea applications.

Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	Nom DCR @ 20oC [Ω /Km]	Weight [Kgs/Km]	Nominal Diameter [mm]
1.00 sqmm Insulated Cores	8	32/0.2mm TC	19.0	12.5	2.10mm

CONSTRUCTION

1.0mm² TSP

Colours	White, Blue
Insulation	High Density Polyethylene
Diameter	2.1mm Nominal
Drainwire	0.5mm ² Tinned Copper
Foil Screen	Aluminium Polyester tape >100% coverage
Isolation	Bonded Polyester tape

1.0mm² Cores

Colours	Yellow, Orange, Green, Brown, Red, Black
Insulation	High Density Polyethylene
Diameter	2.1mm Nominal

Cable Assembly

Cable Layer 1	6 x 1.00mm ² Cores with fillers as required cabled around central TSP
Barrier	Polyester Tape >100% Coverage
Outer Sheath	HF Polyurethane 85 Shore A Hardness
Colour	Black
Radial Wall Thickness	1.50mm nominal
Diameter	11.7mm +/-0.4mm

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	186 Kgs/Km
Cable Weight in Water	76 Kgs/Km
Bend Radius Static	5X Diameter
Bend Radius Dynamic	10X Diameter

RoHS Compliant